Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

AMERICAN

Journal of Mathematics

EDITED BY THOMAS CRAIG

WITH THE CO-OPERATION OF SIMON NEWCOMB

PUBLISHED UNDER THE AUSPICES OF THE JOHNS HOPKINS UNIVERSITY

Πραγμάτων ἔλεγχος οὐ βλεπομένων

VOLUME XVII

BALTIMORE: THE JOHNS HOPKINS PRESS

B. WESTERMANN & CO., *New York*
D. VAN NOSTRAND CO., *New York*
E. STEIGER & CO., *New York*
G. E. STECHERT, *New York*
KEGAN PAUL, TRENCH, TRÜBNER & CO., *London*
A. HERMANN, *Paris*
GAUTHIER-VILLARS, *Paris*
MAYER & MÜLLER, *Berlin*
KARL J. TRÜBNER, *Strassburg*
ULRICO HOEPLI, *Milan.*

1895

PRESS OF THE FRIEDENWALD CO.,
BALTIMORE, MD.

INDEX.

PAGE

APPELL, P. Sur une transformation de mouvements, ... 1

BASSET, A. B. On the Deformation of Thin Elastic Wires, ... 281

BOCHER, MAXIME. Simplification of Gauss's third Proof that every Algebraic Equation has a Root, ... 266

BOLZA, OSKAR. On the First and Second Logarithmic Derivatives of Hyperelliptic σ-Functions, ... 11

BROWN, ERNEST W. Investigations in the Lunar Theory, ... 318

CHESSIN, A. S. On Foucault's Pendulum, ... 81

DUHEM, P. Sur la pression dans les milieux diélectriques ou magnétiques, . . . 117

HERMITE, CH. Extrait d'une lettre adressée à M. Craig, ... 6
Sur le logarithme de la fonction gamma, ... 111

MASCHKE, H. On Ternary Substitution-Groups of Finite Order which leave a Triangle unchanged, ... 168

MCCLINTOCK, EMORY. Theorems in the Calculus of Enlargement, ... 69
A Method for Calculating Simultaneously all the Roots of an Equation, ... 89

PEANO, G. Sur la definition de la limite d'une fonction. Exercice de logique mathématique, ... 37

DE SAUSSURE, RENÉ. Note sur les lignes cycloïdales, ... 269

STAUDE, OTTO. Ueber den Sinn der Windung in den singulären Puncten einer Raumcurve, ... 359

STUDY, E. On Irrational Covariants of certain Binary Forms, ... 185
On the Connection between Binary Quartics and Elliptic Functions, . 216

TALIAFERRO, THOMAS HARDY. Note on Lines of Curvature, ... 273

WHITE, HENRY S. Semi-Combinants as Concomitants of Affiliants, ... 235